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## Full Report on Manufacturers' Shipments, Inventories and Orders October 2005

### Summary

New orders for manufactured goods in October increased \$8.6 billion or 2.2 percent to \$399.8 billion, the U.S. Census Bureau reported today. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.4 percent September decrease.

Shipments, up five of the last six months, increased \$4.1 billion or 1.0 percent to \$397.6 billion. This was at the highest level since the series began and followed a 0.4 percent September decrease.

Unfilled orders, up six consecutive months, increased \$9.3 billion or 1.6 percent to \$604.1 billion. This was at the highest level since the series began and followed a 0.8 percent September increase. The unfilled orders-to-shipments ratio was 4.16, down from 4.19 in September.

Inventories, up four of the last five months, increased \$2.7 billion or 0.6 percent to \$466.3 billion. This followed a 0.1 percent September increase. The inventories-to-shipments ratio was 1.17, down from 1.18 in September.

### New Orders

New orders for manufactured durable goods in October, up two of the last three months, increased \$7.6 billion or 3.7 percent to \$215.0 billion, revised from the previously published 3.4 percent increase. This followed a 2.0 percent September decrease.

Transportation equipment, up two of the last three months, had the largest increase, \$6.7 billion or 11.4 percent to \$65.1 billion.

New orders for manufactured nondurable goods increased \$1.0 billion or 0.5 percent to \$184.7 billion.

### Shipments

Shipments of manufactured durable goods in October, up two of the last three months, increased \$3.0 billion or 1.5 percent to \$212.9 billion, revised from the previously published 1.4 percent increase. This was at the highest level since the series began and followed a slight September decrease.

Transportation equipment, up two of the last three months, had the largest increase, \$1.1 billion or 1.9 percent to \$59.2 billion.

Shipments of manufactured nondurable goods, up three of the last four months, increased \$1.0 billion or 0.5 percent to \$184.7 billion. This was due to chemical products, which increased \$1.1 billion or 2.5 percent to \$46.1 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in October, up six consecutive months, increased \$9.3 billion or 1.6 percent to \$604.1 billion, revised from the previously published 1.5 percent increase. This was at the highest level since the series began and followed a 0.8 percent September increase.

Transportation equipment, up six consecutive months, had the largest increase, \$5.8 billion or 2.0 percent to \$299.8 billion.

### Inventories

Inventories of manufactured durable goods in October, up three of the last four months, increased \$1.0 billion or 0.4 percent to \$283.3 billion, unchanged from the previously published 0.4 percent increase. This followed a 0.1 percent September increase.

Transportation equipment, up six consecutive months, had the largest increase, \$1.0 billion or 1.5 percent to \$67.0 billion.

Inventories of manufactured nondurable goods, up four of the last five months, increased \$1.7 billion or 0.9 percent to \$183.0 billion. This was at the highest level since the series began. The increase was led by petroleum and coal products, which increased \$0.8 billion or 3.3 percent to \$25.5 billion.

By stage of fabrication, October materials and supplies decreased 0.1 percent in durable goods and increased 0.8 percent in nondurable goods. Work in process increased 0.9 percent in durable goods and 2.4 percent in nondurable goods. Finished goods increased 0.3 percent in durable goods and 0.6 percent in nondurable goods.

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Figures in text, other than year-to-date, are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>. The advance report on durable goods for November is scheduled for release on December 23, 2005, at 8:30 a.m. EST and the full report on January 4, 2006, at 10:00 a.m. EST. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Oct. 2004	2005 <sup>p</sup>	2004	Percent 2005/2004
All manufacturing industries .....	397,619	393,566	395,009	1.0	-0.4	2.1	406,755	415,502	407,157	382,653	3,884,670	3,626,770	7.1
Excluding transportation .....	338,374	335,449	336,173	0.9	-0.2	1.9	344,777	351,922	346,071	323,320	3,309,083	3,050,444	8.5
Excluding defense .....	388,335	384,107	385,508	1.1	-0.4	2.1	397,720	405,221	398,002	373,721	3,793,037	3,535,723	7.3
With unfilled orders .....	145,246	141,933	143,159	2.3	-0.9	3.0	146,178	152,352	145,308	135,812	1,408,146	1,308,929	7.6
Durable goods industries .....	212,880	209,831	209,844	1.5	0.0	2.4	216,712	226,419	214,678	203,080	2,072,568	1,955,164	6.0
Wood products.....	9,364	9,057	8,826	3.4	2.6	-0.7	9,829	9,687	9,564	9,079	91,416	90,457	1.1
Nonmetallic mineral products.....	9,313	9,197	9,097	1.3	1.1	1.6	9,873	9,719	10,068	8,754	90,863	82,397	10.3
Primary metals.....	16,149	15,866	15,470	1.8	2.6	3.4	16,354	16,188	15,992	15,394	158,208	144,070	9.8
Iron and steel mills.....	6,990	6,904	6,663	1.2	3.6	4.4	7,022	7,020	6,883	7,302	70,783	66,826	5.9
Aluminum and nonferrous metals.....	7,440	7,259	7,145	2.5	1.6	3.3	7,567	7,400	7,355	6,470	70,543	62,276	13.3
Ferrous metal foundries.....	1,719	1,703	1,662	0.9	2.5	0.6	1,765	1,768	1,754	1,622	16,882	14,968	12.8
Fabricated metal products.....	24,257	24,159	23,988	0.4	0.7	2.3	25,209	25,350	25,500	23,851	241,157	227,282	6.1
Machinery.....	26,910	26,619	26,381	1.1	0.9	2.4	26,861	27,682	26,085	24,773	262,561	239,448	9.7
Farm machinery.....	1,630	1,530	1,644	6.5	-6.9	-7.3	1,498	1,483	1,656	1,679	17,863	16,851	6.0
Construction machinery.....	2,949	2,936	2,893	0.4	1.5	8.6	2,857	2,837	2,789	2,449	27,613	22,450	23.0
Mining, oil field, and gas field machinery.....	974	963	977	1.1	-1.4	3.7	955	1,005	964	800	9,529	7,469	27.6
Industrial machinery.....	2,445	2,373	2,273	3.0	4.4	-4.3	2,621	2,510	1,935	3,141	24,295	27,304	-11.0
Photographic equipment.....	683	685	669	-0.3	2.4	2.6	723	734	653	675	6,458	6,540	-1.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,205	3,153	3,008	1.6	4.8	3.0	2,991	3,466	3,136	2,668	29,768	28,267	5.3
Metalworking machinery.....	2,982	2,824	3,044	5.6	-7.2	3.0	3,306	3,376	3,212	2,476	29,293	23,707	23.6
Turbines, generators, and other power transmission equipment.....	3,660	3,848	3,798	-4.9	1.3	6.1	3,713	3,893	3,890	3,460	37,304	34,394	8.5
Material handling equipment.....	1,929	1,966	1,943	-1.9	1.2	5.8	1,849	2,055	1,926	1,526	18,111	14,248	27.1
Computers and electronic products .....	37,636	37,127	37,751	1.4	-1.7	3.1	36,329	42,519	36,308	34,299	362,425	328,298	10.4
Computers.....	6,477	5,917	6,445	9.5	-8.2	3.3	6,909	6,511	6,063	6,337	61,461	45,026	36.5
Computer storage devices.....	742	821	761	-9.6	7.9	14.6	502	1,327	611	500	7,659	7,099	7.9
Other peripheral equipment.....	1,219	1,202	1,211	1.4	-0.7	1.7	1,053	1,584	1,107	1,180	12,048	12,495	-3.6
Nondefense communications equipment.....	5,469	5,493	5,420	-0.4	1.3	2.5	5,012	6,259	5,075	4,547	50,878	48,222	5.5
Defense communications equipment.....	450	416	449	8.2	-7.3	13.1	437	440	456	536	4,403	4,080	7.9
Audio and video equipment.....	779	770	770	1.2	0.0	7.2	972	803	751	979	7,465	6,927	7.8
Semiconductors.....	7,126	7,253	7,467	-1.8	-2.9	2.9	7,161	7,992	7,485	7,123	70,584	66,914	5.5
Electronic components.....	5,145	5,236	5,063	-1.7	3.4	5.8	4,852	5,642	5,080	4,076	48,666	40,646	19.7
Nondefense search and navigation equipment.....	865	894	1,002	-3.2	-10.8	7.7	811	1,022	1,002	854	9,252	8,522	8.6
Defense search and navigation equipment.....	2,733	2,638	2,716	3.6	-2.9	0.3	2,632	2,758	2,604	2,423	25,789	23,497	9.8
Electromedical, measuring, and control instruments.....	6,079	5,947	5,902	2.2	0.8	0.7	5,345	7,600	5,537	5,034	58,603	58,932	-0.6
Electrical equipment, appliances, and components.....	9,989	9,753	9,796	2.4	-0.4	2.6	9,993	10,837	10,051	8,958	95,048	88,532	7.4
Electric lighting equipment.....	1,053	1,042	1,026	1.1	1.6	0.3	1,042	1,161	1,039	995	10,207	10,017	1.9
Household appliances.....	2,268	2,197	2,188	3.2	0.4	0.3	2,216	2,399	2,326	1,973	21,275	20,110	5.8
Electrical equipment.....	3,242	3,151	3,161	2.9	-0.3	3.9	3,186	3,582	3,209	2,722	30,560	27,280	12.0
Batteries.....	575	579	591	-0.7	-2.0	1.5	652	697	579	643	5,581	5,351	4.3
Transportation equipment.....	59,245	58,117	58,836	1.9	-1.2	3.4	61,978	63,580	61,086	59,333	575,587	576,326	-0.1
Automobiles.....	7,313	7,372	7,318	-0.8	0.7	-1.8	8,052	8,085	8,062	7,676	73,183	75,079	-2.5
Light trucks and utility vehicles.....	13,737	14,473	13,473	-5.1	7.4	2.5	15,161	16,591	14,137	15,081	134,294	140,747	-4.6
Heavy duty trucks.....	1,821	1,816	1,784	0.3	1.8	6.4	1,961	1,918	1,819	1,767	17,909	15,365	16.6
Motor vehicle bodies, parts, and trailers.....	19,925	19,684	19,927	1.2	-1.2	4.4	21,137	20,718	21,444	20,437	195,420	197,998	-1.3
Nondefense aircraft and parts.....	7,496	5,427	7,002	38.1	-22.5	6.2	6,939	5,772	6,479	5,572	63,602	56,941	11.7
Defense aircraft and parts.....	3,475	3,770	3,824	-7.8	-1.4	14.0	3,384	4,272	3,656	3,493	36,092	37,758	-4.4
Ships and boats.....	2,062	2,161	2,081	-4.6	3.8	-6.6	2,131	2,232	2,104	2,274	22,645	20,439	10.8
Furniture and related products.....	7,459	7,428	7,266	0.4	2.2	-2.5	7,656	7,649	7,771	7,136	73,699	67,703	8.9
Miscellaneous durable goods.....	12,558	12,508	12,433	0.4	0.6	-0.5	12,630	13,208	12,253	11,503	121,604	110,651	9.9
Nondurable goods industries.....	184,739	183,735	185,165	0.5	-0.8	1.8	190,043	189,083	192,479	179,573	1,812,102	1,671,606	8.4
Food products.....	45,048	44,894	44,590	0.3	0.7	0.1	47,173	46,263	45,438	46,226	444,882	422,293	5.3
Grain and oilseed milling.....	3,086	3,125	3,100	-1.2	0.8	0.9	3,255	3,150	3,196	3,511	30,452	35,545	-14.3
Dairy products.....	6,818	6,710	6,833	1.6	-1.8	-0.1	6,740	6,873	6,908	6,470	67,310	65,374	3.0
Meat, poultry, and seafood products.....	15,179	15,187	15,010	-0.1	1.2	-0.4	15,661	15,319	15,496	15,552	152,320	132,021	15.4
Beverage and tobacco products.....	9,331	9,149	9,827	2.0	-6.9	6.2	9,282	9,233	10,353	9,029	92,161	91,588	0.6
Beverages.....	5,992	5,904	5,960	1.5	-0.9	-1.0	5,943	5,988	6,486	5,762	58,782	58,748	0.1
Tobacco.....	3,339	3,245	3,867	2.9	-16.1	19.7	3,339	3,245	3,867	3,267	33,379	32,840	1.6
Textile mills.....	3,295	3,259	3,299	1.1	-1.2	-0.7	3,403	3,482	3,441	3,707	34,263	36,677	-6.6
Textile products.....	2,881	2,930	2,871	-1.7	2.1	1.5	3,008	3,085	3,037	2,905	28,816	28,077	2.6
Apparel.....	3,416	3,358	3,385	1.7	-0.8	-1.0	3,912	3,566	3,677	4,020	34,360	34,788	-1.2
Leather and allied products.....	479	474	469	1.1	1.1	3.1	488	476	519	478	4,729	4,750	-0.4
Paper products.....	13,430	13,103	13,351	2.5	-1.9	-1.4	13,624	13,290	13,881	13,648	138,434	133,511	3.7
Pulp, paper, and paperboard mills.....	5,889	5,782	5,847	1.9	-1.1	-0.2	5,955	5,765	6,104	5,977	59,287	58,282	1.7
Paperboard containers.....	3,704	3,698	3,692	0.2	0.2	-1.2	3,851	3,751	3,947	3,971	38,242	37,926	0.8
Printing.....	7,327	7,304	7,329	0.3	-0.3	-0.1	7,830	7,699	7,468	8,223	73,780	76,003	-2.9
Petroleum and coal products.....	35,899	36,838	35,814	-2.5	2.9	5.1	37,248	38,725	39,126	29,428	331,329	252,193	31.4
Petroleum refineries.....	33,055	34,154	33,258	-3.2	2.7	5.2	34,083	35,592	36,101	26,652	304,755	228,492	33.4
Chemical products.....	46,092	44,981	47,076	2.5	-4.5	1.8	46,098	45,431	47,499	45,349	457,288	431,682	5.9
Pesticides, fertilizers, and other agricultural chemicals.....	2,184	2,629	2,525	-16.9	4.1	12.4	1,533	1,884	2,013	1,372	21,276	17,941	18.6
Pharmaceuticals and medicines.....	11,637	10,649	12,197	9.3	-12.7	7.1	12,207	11,152	12,154	13,025	114,025	121,079	-5.8
Paints, coatings, and adhesives.....	2,519	2,594	2,541	-2.9	2.1	-0.8	2,464	2,657	2,712	2,394	26,103	25,403	2.8
Plastics and rubber products.....	17,541	17,445	17,154	0.6	1.7	1.9	17,977	17,833	18,040	16,560	172,060	160,044	7.5

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

<sup>1</sup> Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations. See note at end of Table 2 relating to survey error and revision.

**Table 2. Value of Manufacturers' New Orders for Industry Groups****[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Oct. 2004	2005 <sup>p</sup>	2004	Percent 2005/ 2004
All manufacturing industries <sup>2</sup> .....	399,752	391,151	396,767	2.2	-1.4	2.9	407,333	408,163	405,114	374,460	3,863,821	3,587,439	7.7
Excluding transportation <sup>2</sup> .....	334,672	332,743	334,364	0.6	-0.5	3.2	340,729	346,201	341,409	317,315	3,262,763	3,008,926	8.4
Excluding defense <sup>2</sup> .....	387,945	383,141	388,543	1.3	-1.4	3.1	396,268	400,313	399,259	363,780	3,783,937	3,495,910	8.2
With unfilled orders <sup>2</sup> .....	154,505	146,771	152,384	5.3	-3.7	5.1	153,917	153,005	150,750	134,742	1,457,881	1,336,512	9.1
Durable goods industries <sup>2</sup> .....	215,013	207,416	211,602	3.7	-2.0	3.9	217,290	219,080	212,635	194,887	2,051,719	1,915,833	7.1
Primary metals.....	17,195	17,247	16,637	-0.3	3.7	11.4	16,708	17,226	16,874	14,039	159,194	146,912	8.4
Iron and steel mills.....	8,129	7,776	7,681	4.5	1.2	20.7	7,647	7,667	7,865	5,979	71,119	68,084	4.5
Aluminum and nonferrous metals.....	7,345	7,723	7,397	-4.9	4.4	7.5	7,280	7,774	7,399	6,419	71,159	63,516	12.0
Ferrous metal foundries.....	1,721	1,748	1,559	-1.5	12.1	-7.7	1,781	1,785	1,610	1,641	16,916	15,312	10.5
Fabricated metal products.....	24,954	25,133	24,934	-0.7	0.8	6.1	25,491	25,709	25,934	24,417	246,560	233,483	5.6
Machinery.....	27,746	27,213	27,179	2.0	0.1	3.9	27,863	27,578	26,475	25,392	269,164	244,897	9.9
Construction machinery.....	3,110	2,854	3,396	9.0	-16.0	23.7	3,067	2,419	3,238	2,719	29,224	23,996	21.8
Mining, oil field, and gas field machinery.....	948	1,133	1,114	-16.3	1.7	4.8	928	1,212	1,064	781	10,412	7,758	34.2
Industrial machinery.....	2,431	2,580	2,127	-5.8	21.3	-10.2	2,854	2,593	1,577	3,531	24,073	29,323	-17.9
Photographic equipment.....	719	906	683	-20.6	32.7	6.6	773	938	661	713	6,870	6,619	3.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,278	3,342	3,603	-1.9	-7.2	24.2	2,940	3,519	3,661	2,558	30,736	28,469	8.0
Metalworking machinery.....	2,968	2,922	3,101	1.6	-5.8	0.7	3,344	3,384	3,077	2,680	30,719	24,533	25.2
Turbines, generators, and other power transmission equipment.....	3,680	3,679	3,432	0.0	7.2	-6.4	3,493	3,365	3,806	2,779	36,821	32,936	11.8
Material handling equipment.....	2,054	1,950	1,966	5.3	-0.8	23.0	1,902	2,357	1,758	1,523	19,099	14,880	28.4
Computers and electronic products <sup>2</sup> .....	30,659	30,676	31,963	-0.1	-4.0	6.6	29,618	35,080	29,154	28,060	298,892	268,982	11.1
Computers.....	6,108	6,159	6,788	-0.8	-9.3	15.8	6,540	6,753	6,406	5,814	60,918	44,451	37.0
Nondefense communications equipment.....	5,737	5,015	5,697	14.4	-12.0	1.3	5,525	5,850	4,545	4,674	52,847	47,188	12.0
Defense communications equipment.....	219	539	619	-59.4	-12.9	4.7	326	720	355	2,533	5,109	7,779	-34.3
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,269	5,201	5,208	1.3	-0.1	10.4	4,860	5,480	5,502	3,536	48,845	41,634	17.3
Nondefense search and navigation equipment.....	890	1,074	1,106	-17.1	-2.9	7.9	854	1,167	1,048	708	9,823	8,804	11.6
Defense search and navigation equipment.....	2,875	2,848	2,997	0.9	-5.0	6.0	2,646	2,961	2,446	2,271	26,693	25,003	6.8
Electromedical, measuring, and control instruments.....	6,269	6,507	6,261	-3.7	3.9	1.1	5,697	7,854	5,846	5,155	61,868	61,664	0.3
Electrical equipment, appliances, and components.....	10,015	10,364	10,377	-3.4	-0.1	7.6	10,233	11,171	10,549	8,954	97,805	90,344	8.3
Electric lighting equipment.....	1,016	1,104	965	-8.0	14.4	-2.1	1,007	1,177	949	1,073	10,377	10,533	-1.5
Household appliances.....	2,338	2,162	2,384	8.1	-9.3	6.8	2,313	2,335	2,573	1,866	21,639	20,149	7.4
Electrical equipment.....	2,992	3,442	3,459	-13.1	-0.5	5.4	3,097	3,759	3,452	2,890	32,080	28,038	14.4
Transportation equipment.....	65,080	58,408	62,403	11.4	-6.4	1.1	66,604	61,962	63,705	57,145	601,058	578,513	3.9
Motor vehicle bodies, parts, and trailers.....	20,143	20,348	19,984	-1.0	1.8	2.8	21,141	20,959	21,361	19,643	196,049	198,520	-1.2
Nondefense aircraft and parts.....	11,018	7,316	12,514	50.6	-41.5	5.4	9,883	7,315	12,475	4,344	98,674	61,711	59.9
Defense aircraft and parts.....	7,047	2,912	2,993	142.0	-2.7	13.2	6,515	2,813	2,039	2,813	29,848	30,011	-0.5
Ships and boats.....	1,540	1,709	1,710	-9.9	-0.1	-18.8	1,590	1,756	1,548	2,550	17,871	18,633	-4.1
Furniture and related products.....	7,824	7,684	7,810	1.8	-1.6	7.5	8,136	7,811	8,116	7,170	75,109	68,622	9.5
Nondurable goods industries.....	184,739	183,735	185,165	0.5	-0.8	1.8	190,043	189,083	192,479	179,573	1,812,102	1,671,606	8.4

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

<sup>1</sup> New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.<sup>2</sup> Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(04), "Manufacturers' Shipments, Inventories, and Orders: 1992-2004."

**Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups**

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Oct. 05/04
	Oct. 2005 <sup>P</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>P</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Oct. 2004	
All manufacturing industries <sup>1</sup> .....	604,075	594,816	589,978	1.6	0.8	1.6	593,301	585,562	584,909	529,144	12.1
Excluding transportation <sup>1</sup> .....	304,301	300,877	296,330	1.1	1.5	1.9	299,217	296,104	293,833	272,282	9.9
Excluding defense <sup>1</sup> .....	457,445	450,709	444,422	1.5	1.4	2.4	450,941	445,232	442,148	377,929	19.3
Durable goods industries <sup>1</sup> .....	604,075	594,816	589,978	1.6	0.8	1.6	593,301	585,562	584,909	529,144	12.1
Primary metals.....	22,545	21,499	20,118	4.9	6.9	6.2	21,472	21,118	20,080	20,274	5.9
Iron and steel mills.....	12,670	11,531	10,659	9.9	8.2	10.6	12,041	11,416	10,769	11,631	3.5
Aluminum and nonferrous metals.....	6,958	7,053	6,589	-1.3	7.0	4.0	6,589	6,876	6,502	5,901	11.7
Ferrous metal foundries.....	2,917	2,915	2,870	0.1	1.6	-3.5	2,842	2,826	2,809	2,742	3.6
Fabricated metal products.....	47,970	47,273	46,299	1.5	2.1	2.1	47,213	46,931	46,572	41,862	12.8
Machinery.....	83,033	82,197	81,603	1.0	0.7	1.0	81,203	80,201	80,305	73,581	10.4
Construction machinery.....	7,336	7,175	7,257	2.2	-1.1	7.4	6,656	6,446	6,864	4,230	57.4
Mining, oil field, and gas field machinery.....	2,459	2,485	2,315	-1.0	7.3	6.3	2,439	2,466	2,259	1,385	76.1
Industrial machinery.....	8,852	8,866	8,659	-0.2	2.4	-1.7	8,877	8,644	8,561	9,478	-6.3
Photographic equipment.....	1,236	1,200	979	3.0	22.6	1.5	1,238	1,188	984	834	48.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,073	6,000	5,811	1.2	3.3	11.4	5,864	5,915	5,862	4,513	29.9
Metalworking machinery.....	7,863	7,877	7,779	-0.2	1.3	0.7	7,693	7,655	7,647	6,194	24.2
Turbines, generators, and other power transmission equipment.....	30,859	30,839	31,008	0.1	-0.5	-1.2	30,108	30,328	30,856	31,070	-3.1
Material handling equipment.....	6,956	6,831	6,847	1.8	-0.2	0.3	6,838	6,785	6,483	5,472	25.0
Computers and electronic products <sup>1</sup> .....	117,346	117,197	116,395	0.1	0.7	1.5	115,802	115,352	114,799	107,211	8.0
Computers.....	5,874	6,243	6,001	-5.9	4.0	6.1	5,874	6,243	6,001	5,707	2.9
Nondefense communications equipment.....	31,260	30,992	31,470	0.9	-1.5	0.9	30,845	30,332	30,741	29,672	4.0
Defense communications equipment.....	7,116	7,347	7,224	-3.1	1.7	2.4	7,055	7,166	6,886	5,752	22.7
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	13,011	12,887	12,922	1.0	-0.3	1.1	12,953	12,945	13,107	13,078	-1.0
Nondefense search and navigation equipment.....	4,354	4,329	4,149	0.6	4.3	2.6	4,305	4,262	4,117	3,564	20.8
Defense search and navigation equipment.....	35,064	34,922	34,712	0.4	0.6	0.8	34,186	34,172	33,969	32,431	5.4
Electromedical, measuring, and control instruments.....	20,667	20,477	19,917	0.9	2.8	1.8	20,584	20,232	19,978	17,007	21.0
Electrical equipment, appliances, and components.....	18,157	18,131	17,520	0.1	3.5	3.4	18,168	17,928	17,594	15,763	15.3
Electric lighting equipment.....	1,891	1,928	1,866	-1.9	3.3	-3.2	1,882	1,917	1,901	1,790	5.1
Household appliances.....	940	870	905	8.0	-3.9	27.6	949	852	916	670	41.6
Electrical equipment.....	10,571	10,821	10,530	-2.3	2.8	2.9	10,633	10,722	10,545	9,332	13.9
Transportation equipment.....	299,774	293,939	293,648	2.0	0.1	1.2	294,084	289,458	291,076	256,862	14.5
Motor vehicle bodies, parts, and trailers.....	16,618	16,400	15,736	1.3	4.2	0.4	15,899	15,895	15,654	14,838	7.2
Nondefense aircraft and parts.....	159,375	155,853	153,964	2.3	1.2	3.7	157,658	154,714	153,171	114,169	38.1
Defense aircraft and parts.....	50,671	47,099	47,957	7.6	-1.8	-1.7	49,153	46,022	47,481	56,116	-12.4
Ships and boats.....	14,842	15,364	15,816	-3.4	-2.9	-2.3	14,085	14,626	15,102	16,569	-15.0
Furniture and related products.....	8,328	7,963	7,707	4.6	3.3	7.6	8,437	7,957	7,795	7,185	17.4

<sup>P</sup> Preliminary      <sup>r</sup> Revised      NA Not available.<sup>1</sup> Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.  
See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Oct. 05/04
	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Oct. 2004	
All manufacturing industries .....	466,253	463,591	463,115	0.6	0.1	-0.2	469,394	463,062	466,715	448,137	4.7
Excluding transportation .....	399,288	397,618	397,392	0.4	0.1	-0.1	401,689	396,921	400,165	384,463	4.5
Excluding defense .....	446,827	444,413	444,255	0.5	0.0	-0.2	449,920	443,783	447,682	429,679	4.7
With unfilled orders .....	219,228	218,802	218,034	0.2	0.4	-0.5	219,827	217,924	219,966	210,530	4.4
Durable goods industries .....	283,298	282,301	282,007	0.4	0.1	-0.3	284,031	281,106	284,780	271,387	4.7
Wood products.....	10,751	10,614	10,603	1.3	0.1	-0.2	10,778	10,484	10,438	10,010	7.7
Nonmetallic mineral products.....	10,176	10,270	10,351	-0.9	-0.8	-0.4	9,877	10,102	10,358	9,633	2.5
Primary metals.....	23,792	23,961	24,160	-0.7	-0.8	-0.9	23,617	23,741	24,139	21,960	7.5
Iron and steel mills.....	13,370	13,526	13,813	-1.2	-2.1	-2.3	13,379	13,503	13,870	12,624	6.0
Aluminum and nonferrous metals.....	8,401	8,407	8,323	-0.1	1.0	1.5	8,293	8,292	8,291	7,575	9.5
Ferrous metal foundries.....	2,021	2,028	2,024	-0.3	0.2	-0.8	1,945	1,946	1,978	1,761	10.4
Fabricated metal products.....	36,616	36,595	36,736	0.1	-0.4	-0.8	36,269	36,260	36,856	34,924	3.9
Machinery.....	47,429	47,630	47,560	-0.4	0.1	0.5	47,400	47,365	47,923	43,737	8.4
Farm machinery.....	2,403	2,453	2,442	-2.0	0.5	-2.2	2,203	2,318	2,329	2,067	6.6
Construction machinery.....	4,043	4,077	4,020	-0.8	1.4	1.6	4,012	4,008	3,951	3,602	11.4
Mining, oil field, and gas field machinery.....	2,711	2,724	2,693	-0.5	1.2	-0.9	2,675	2,705	2,748	2,226	20.2
Industrial machinery.....	6,346	6,409	6,540	-1.0	-2.0	-1.0	6,226	6,339	6,635	6,089	2.2
Photographic equipment.....	1,441	1,436	1,388	0.3	3.5	1.6	1,477	1,482	1,382	1,266	16.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,034	3,922	4,044	2.9	-3.0	0.4	4,032	3,882	4,079	3,911	3.1
Metalworking machinery.....	4,472	4,616	4,525	-3.1	2.0	0.0	4,579	4,702	4,690	4,379	4.6
Turbines, generators, and other power transmission equipment.....	5,971	6,028	5,958	-0.9	1.2	2.3	6,158	6,026	6,102	5,334	15.4
Material handling equipment.....	2,823	2,769	2,723	2.0	1.7	-2.0	2,825	2,741	2,721	2,367	19.3
Computers and electronic products .....	45,193	44,953	44,781	0.5	0.4	-0.1	45,842	44,783	45,956	46,193	-0.8
Computers.....	1,954	2,071	1,986	-5.6	4.3	4.4	1,896	2,177	2,110	1,882	0.7
Computer storage devices.....	1,531	1,545	1,565	-0.9	-1.3	1.4	1,612	1,455	1,694	1,367	17.9
Other peripheral equipment.....	1,786	1,814	1,859	-1.5	-2.4	0.8	1,881	1,777	1,964	1,986	-5.3
Nondefense communications equipment.....	9,031	8,753	8,963	3.2	-2.3	0.2	9,215	8,688	9,165	9,850	-6.4
Defense communications equipment.....	1,044	1,013	988	3.1	2.5	-1.7	1,044	1,013	988	1,161	-10.1
Audio and video equipment.....	1,133	1,141	1,125	-0.7	1.4	2.7	1,294	1,248	1,194	1,208	7.1
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,801	6,762	6,459	0.6	4.7	-3.0	6,847	6,767	6,498	7,003	-2.2
Nondefense search and navigation equipment.....	2,643	2,698	2,682	-2.0	0.6	0.3	2,665	2,692	2,706	2,587	3.0
Defense search and navigation equipment.....	2,419	2,468	2,525	-2.0	-2.3	-1.3	2,404	2,459	2,588	2,863	-16.0
Electromedical, measuring and control instruments.....	9,663	9,708	9,696	-0.5	0.1	-0.1	9,694	9,593	9,872	9,640	0.6
Electrical equipment, appliances, and components.....	12,881	12,833	12,680	0.4	1.2	0.0	12,737	12,540	12,666	12,210	4.3
Electric lighting equipment.....	1,529	1,528	1,516	0.1	0.8	0.5	1,520	1,510	1,561	1,500	1.3
Household appliances.....	2,302	2,265	2,232	1.6	1.5	1.7	2,272	2,159	2,192	2,080	9.2
Electrical equipment.....	4,427	4,407	4,275	0.5	3.1	-0.2	4,371	4,276	4,243	4,038	8.2
Batteries.....	623	620	613	0.5	1.1	0.7	657	657	649	668	-1.6
Transportation equipment.....	66,965	65,973	65,723	1.5	0.4	-0.8	67,705	66,141	66,550	63,674	6.3
Automobiles.....	2,147	1,928	2,314	11.4	-16.7	5.0	2,143	2,007	2,436	2,176	-1.5
Light trucks and utility vehicles.....	3,359	3,214	3,180	4.5	1.1	5.0	3,444	3,320	3,362	2,739	25.7
Heavy duty trucks.....	1,297	1,287	1,290	0.8	-0.2	-1.2	1,316	1,318	1,319	1,185	11.1
Motor vehicle bodies, parts, and trailers.....	17,788	17,647	17,696	0.8	-0.3	-0.6	17,774	17,518	17,613	17,489	1.6
Nondefense aircraft and parts.....	22,474	22,237	21,843	1.1	1.8	-2.2	22,976	22,271	22,215	22,001	4.4
Defense aircraft and parts.....	11,812	11,534	11,299	2.4	2.1	-2.4	11,902	11,602	11,390	10,603	12.3
Ships and boats.....	2,711	2,779	2,723	-2.4	2.1	4.3	2,660	2,767	2,696	2,560	3.9
Furniture and related products.....	8,706	8,763	8,708	-0.7	0.6	0.3	8,742	8,811	8,817	8,605	1.6
Miscellaneous durable goods.....	20,789	20,709	20,705	0.4	0.0	0.6	21,064	20,879	21,077	20,441	3.0
Nondurable goods industries.....	182,955	181,290	181,108	0.9	0.1	-0.2	185,363	181,956	181,935	176,750	4.9
Food products.....	32,924	32,711	32,733	0.7	-0.1	0.0	35,179	33,202	32,839	34,105	3.1
Grain and oilseed milling.....	3,424	3,356	3,298	2.0	1.8	1.1	3,734	3,259	3,023	3,299	13.2
Dairy products.....	4,080	4,107	4,112	-0.7	-0.1	-0.4	4,037	4,092	4,176	4,002	0.9
Meat, poultry, and seafood products.....	6,059	6,049	6,121	0.2	-1.2	0.4	6,237	6,123	6,099	6,247	-0.2
Beverage and tobacco products.....	15,254	14,695	14,815	3.8	-0.8	-0.5	15,783	15,010	14,480	15,281	3.3
Beverages.....	10,587	10,025	10,104	5.6	-0.8	-0.2	10,983	10,280	9,894	10,319	6.4
Tobacco.....	4,667	4,670	4,711	-0.1	-0.9	-1.3	4,800	4,730	4,586	4,962	-3.3
Textile mills.....	4,269	4,242	4,214	0.6	0.7	1.7	4,212	4,188	4,243	4,443	-5.2
Textile products.....	3,736	3,681	3,680	1.5	0.0	0.3	3,689	3,664	3,713	3,628	1.7
Apparel.....	6,292	6,242	6,196	0.8	0.7	1.2	6,248	6,437	6,382	5,764	8.4
Leather and allied products.....	892	888	871	0.5	2.0	0.3	889	893	881	810	9.8
Paper products.....	14,131	14,148	14,254	-0.1	-0.7	-1.2	14,012	14,080	14,222	13,888	0.9
Pulp, paper, and paperboard mills.....	6,139	6,158	6,208	-0.3	-0.8	-2.2	6,034	6,090	6,185	5,847	3.2
Paperboard containers.....	3,926	3,948	4,011	-0.6	-1.6	-1.5	3,909	3,967	4,004	4,099	-4.6
Printing.....	6,521	6,597	6,566	-1.2	0.5	-1.1	6,844	6,987	6,936	7,011	-2.4
Petroleum and coal products.....	25,488	24,681	24,361	3.3	1.3	0.9	26,115	25,208	24,919	21,311	22.5
Petroleum refineries.....	23,101	22,275	21,979	3.7	1.3	1.1	23,847	22,840	22,457	19,211	24.1
Chemical products.....	53,941	54,010	53,746	-0.1	0.5	-0.9	53,283	53,407	54,029	52,356	1.8
Pesticides, fertilizers, and other agricultural chemicals.....	2,611	2,494	2,465	4.7	1.2	-0.3	2,425	2,181	2,112	2,075	16.9
Pharmaceuticals and medicines.....	17,769	18,070	18,004	-1.7	0.4	-0.6	17,806	18,151	18,536	19,328	-7.9
Paints, coatings, and adhesives.....	2,845	2,841	2,864	0.1	-0.8	-0.6	2,756	2,767	2,873	2,618	5.3
Plastics and rubber products.....	19,507	19,395	19,672	0.6	-1.4	0.6	19,109	18,880	19,291	18,153	5.3

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

<sup>1</sup> Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately.  
See note at end of Table 2 relating to survey error and revision.

**Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series <sup>1</sup>**

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>2</sup>						
	Monthly			Percent Change			Monthly				Year to date		Percent Change <sup>6</sup> 2005/2004
	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>r</sup>	Aug. 2005	Oct. 2004	2005 <sup>p</sup>	2004	
<b>SHIPMENTS</b>													
All manufacturing industries .....	397,619	393,566	395,009	1.0	-0.4	2.1	406,755	415,502	407,157	382,653	3,884,670	3,626,770	7.1
Construction materials and supplies.....	42,788	42,381	41,470	1.0	2.2	1.6	44,596	45,232	44,979	41,223	420,214	396,422	6.0
Information technology.....	28,899	28,107	28,720	2.8	-2.1	2.8	27,936	32,617	27,294	26,400	277,058	253,052	9.5
Computers and related products .....	8,438	7,940	8,417	6.3	-5.7	4.0	8,464	9,422	7,781	8,017	81,168	64,620	25.6
Motor vehicle and parts.....	42,796	43,345	42,502	-1.3	2.0	2.7	46,311	47,312	45,462	44,961	420,806	429,189	-2.0
Capital goods.....	75,188	72,528	74,368	3.7	-2.5	3.8	73,700	79,452	72,620	67,723	721,133	659,456	9.4
Nondefense capital goods <sup>3</sup> .....	67,340	64,484	66,437	4.4	-2.9	3.7	66,038	70,850	64,870	59,933	643,622	580,307	10.9
Excluding aircraft.....	62,688	61,559	61,924	1.8	-0.6	2.3	61,899	67,872	60,795	57,362	609,370	552,538	10.3
Defense capital goods <sup>4</sup> .....	7,848	8,044	7,931	-2.4	1.4	4.7	7,662	8,602	7,750	7,790	77,511	79,149	-2.1
Consumer goods.....	155,641	155,690	155,943	0.0	-0.2	2.1	162,552	163,392	162,431	152,989	1,518,748	1,414,717	7.4
Consumer durable goods.....	39,069	39,752	38,742	-1.7	2.6	0.4	41,650	43,528	40,213	40,166	385,526	379,653	1.5
Consumer nondurable goods.....	116,572	115,938	117,201	0.5	-1.1	2.7	120,902	119,864	122,218	112,823	1,133,222	1,035,064	9.5
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	399,752	391,151	396,767	2.2	-1.4	2.9	407,333	408,163	405,114	374,460	3,863,821	3,587,439	7.7
Construction materials and supplies.....	43,349	43,419	42,626	-0.2	1.9	4.6	44,765	45,704	45,637	41,582	424,597	400,888	5.9
Information technology.....	29,203	29,458	30,416	-0.9	-3.1	6.8	28,695	33,741	27,309	27,719	285,045	260,240	9.5
Computers and related products .....	8,069	8,182	8,760	-1.4	-6.6	13.5	8,095	9,664	8,124	7,494	80,625	64,045	25.9
Motor vehicle and parts.....	43,014	44,009	42,559	-2.3	3.4	2.0	46,315	47,553	45,379	44,167	421,435	429,711	-1.9
Capital goods.....	82,164	74,009	80,621	11.0	-8.2	3.3	80,708	78,821	75,976	69,082	762,039	677,528	12.5
Nondefense capital goods <sup>3</sup> .....	71,808	67,293	73,722	6.7	-8.7	4.0	70,889	72,383	71,078	59,050	693,848	595,650	16.5
Excluding aircraft.....	63,744	62,889	64,054	1.4	-1.8	3.9	63,789	67,978	61,335	57,482	623,069	562,561	10.8
Defense capital goods <sup>4</sup> .....	10,356	6,716	6,899	54.2	-2.7	-3.6	9,819	6,438	4,898	10,032	68,191	81,878	-16.7
Consumer goods.....	156,074	155,643	156,445	0.3	-0.5	2.4	162,941	163,178	162,839	153,008	1,518,870	1,415,582	7.3
Consumer durable goods.....	39,502	39,705	39,244	-0.5	1.2	1.6	42,039	43,314	40,621	40,185	385,648	380,518	1.3
Consumer nondurable goods.....	116,572	115,938	117,201	0.5	-1.1	2.7	120,902	119,864	122,218	112,823	1,133,222	1,035,064	9.5
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	604,075	594,816	589,978	1.6	0.8	1.6	593,301	585,562	584,909	529,144	(X)	(X)	12.1
Construction materials and supplies.....	39,144	38,583	37,545	1.5	2.8	3.2	38,483	38,314	37,842	34,066	(X)	(X)	13.0
Information technology.....	110,326	110,022	108,671	0.3	1.2	1.6	108,791	108,032	106,908	98,938	(X)	(X)	10.0
Computers and related products .....	5,874	6,243	6,001	-5.9	4.0	6.1	5,874	6,243	6,001	5,707	(X)	(X)	2.9
Motor vehicle and parts.....	16,618	16,400	15,736	1.3	4.2	0.4	15,899	15,895	15,654	14,838	(X)	(X)	7.2
Capital goods.....	446,938	439,962	438,481	1.6	0.3	1.4	439,350	432,342	432,973	385,600	(X)	(X)	13.9
Nondefense capital goods <sup>3</sup> .....	311,932	307,464	304,655	1.5	0.9	2.4	308,190	303,339	301,806	247,973	(X)	(X)	24.3
Excluding aircraft.....	172,950	171,894	170,564	0.6	0.8	1.3	170,650	168,760	168,654	155,181	(X)	(X)	10.0
Defense capital goods <sup>4</sup> .....	135,006	132,498	133,826	1.9	-1.0	-0.8	131,160	129,003	131,167	137,627	(X)	(X)	-4.7
Consumer goods.....	14,354	13,921	13,968	3.1	-0.3	3.7	14,179	13,790	14,004	13,308	(X)	(X)	6.5
Consumer durable goods.....	14,354	13,921	13,968	3.1	-0.3	3.7	14,179	13,790	14,004	13,308	(X)	(X)	6.5
<b>TOTAL INVENTORIES</b>													
All manufacturing industries .....	466,253	463,591	463,115	0.6	0.1	-0.2	469,394	463,062	466,715	448,137	(X)	(X)	4.7
Construction materials and supplies.....	53,434	53,212	53,589	0.4	-0.7	-0.4	52,727	52,551	53,739	50,440	(X)	(X)	4.5
Information technology.....	37,004	37,020	37,193	0.0	-0.5	0.3	37,470	36,896	38,069	38,128	(X)	(X)	-1.7
Computers and related products .....	5,271	5,430	5,410	-2.9	0.4	2.3	5,389	5,409	5,768	5,235	(X)	(X)	2.9
Motor vehicle and parts.....	24,591	24,076	24,480	2.1	-1.7	0.5	24,677	24,163	24,730	23,589	(X)	(X)	4.6
Capital goods.....	128,133	128,070	127,137	0.0	0.7	0.2	128,929	127,610	128,895	122,543	(X)	(X)	5.2
Nondefense capital goods <sup>3</sup> .....	112,551	112,714	112,078	-0.1	0.6	0.5	113,389	112,221	113,754	107,380	(X)	(X)	5.6
Excluding aircraft.....	94,307	94,553	94,322	-0.3	0.2	0.4	94,708	93,966	95,685	89,859	(X)	(X)	5.4
Defense capital goods <sup>4</sup> .....	15,582	15,356	15,059	1.5	2.0	-1.3	15,540	15,389	15,141	15,163	(X)	(X)	2.5
Consumer goods.....	142,418	140,647	140,716	1.3	0.0	0.3	146,183	142,514	142,354	139,486	(X)	(X)	4.8
Consumer durable goods.....	31,495	31,065	31,361	1.4	-0.9	1.2	31,884	31,370	31,991	30,785	(X)	(X)	3.6
Consumer nondurable goods.....	110,923	109,582	109,355	1.2	0.2	0.0	114,299	111,144	110,363	108,701	(X)	(X)	5.1

<sup>p</sup> Preliminary      <sup>r</sup> Revised      X Not Applicable.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

<sup>2</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

<sup>3</sup> Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

<sup>4</sup> Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

<sup>6</sup> Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

See note at end of Table 2 relating to survey error and revision.

**Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group****(Millions of Dollars)**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Oct. 05/04
	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>f</sup>	Aug. 2005	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2005 <sup>p</sup>	Sept. 2005 <sup>f</sup>	Aug. 2005	Oct. 2004	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	157,848	157,319	157,319	0.2	0.1	0.2	158,703	157,285	157,317	153,064	3.7
Durable goods industries.....	95,444	95,566	95,405	-0.1	0.2	-0.1	95,928	95,729	95,850	93,067	3.1
Wood products.....	4,277	4,261	4,207	0.4	1.3	0.3	4,613	4,412	4,164	4,169	10.7
Nonmetallic mineral products.....	3,631	3,635	3,674	-0.1	-1.1	0.9	3,652	3,667	3,709	3,618	0.9
Primary metals.....	8,981	9,205	9,306	-2.4	-1.1	0.0	9,095	9,330	9,360	8,584	6.0
Fabricated metal products.....	13,393	13,432	13,549	-0.3	-0.9	-2.2	13,251	13,430	13,650	12,760	3.8
Machinery.....	16,680	16,621	16,479	0.4	0.9	0.1	16,744	16,520	16,589	15,414	8.6
Computers and electronic products.....	15,422	15,576	15,355	-1.0	1.4	2.2	15,441	15,573	15,449	16,136	-4.3
Electrical equipment, appliances, and components.....	5,125	5,185	5,083	-1.2	2.0	-0.1	5,072	5,103	5,049	4,843	4.7
Transportation equipment.....	16,865	16,579	16,642	1.7	-0.4	-0.6	16,942	16,582	16,661	16,523	2.5
Furniture and related products.....	3,837	3,850	3,835	-0.3	0.4	-2.0	3,830	3,861	3,852	3,925	-2.4
Miscellaneous products.....	7,233	7,222	7,275	0.2	-0.7	0.3	7,288	7,251	7,367	7,095	2.7
Nondurable goods industries.....	62,404	61,931	61,914	0.8	0.0	0.7	62,775	61,556	61,467	59,997	4.6
Food products.....	10,833	10,693	10,624	1.3	0.6	-0.2	11,322	10,381	10,279	10,815	4.7
Beverage and tobacco products.....	5,010	4,977	5,014	0.7	-0.7	0.4	4,946	4,954	4,844	5,154	-4.0
Textiles.....	1,317	1,331	1,324	-1.1	0.5	3.0	1,291	1,321	1,323	1,252	3.1
Textile products.....	1,432	1,416	1,400	1.1	1.1	-0.4	1,414	1,429	1,418	1,332	6.2
Apparel.....	1,334	1,335	1,335	-0.1	0.0	-0.7	1,325	1,334	1,325	1,345	-1.5
Leather and allied products.....	270	263	252	2.7	4.4	1.6	270	263	256	263	2.7
Paper products.....	6,128	6,162	6,223	-0.6	-1.0	-0.7	6,149	6,209	6,184	6,253	-1.7
Printing.....	2,873	2,888	2,925	-0.5	-1.3	-1.6	2,979	3,018	2,981	3,065	-2.8
Petroleum and coal products.....	8,205	7,853	7,927	4.5	-0.9	7.2	8,371	7,868	8,063	6,503	28.7
Chemical products.....	17,367	17,413	17,423	-0.3	-0.1	-0.5	17,199	17,284	17,372	17,089	0.6
Plastics and rubber products.....	7,635	7,600	7,467	0.5	1.8	0.6	7,509	7,495	7,422	6,926	8.4
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	128,816	127,254	126,584	1.2	0.5	-0.6	131,137	127,747	128,065	125,876	4.2
Durable goods industries.....	100,201	99,316	98,740	0.9	0.6	-0.8	101,280	99,358	100,059	96,166	5.3
Wood products.....	1,780	1,810	1,871	-1.7	-3.3	-0.3	1,785	1,809	1,870	1,940	-8.0
Nonmetallic mineral products.....	1,148	1,178	1,166	-2.5	1.0	-0.2	1,089	1,152	1,170	1,122	-2.9
Primary metals.....	7,367	7,456	7,458	-1.2	0.0	-1.1	7,282	7,359	7,466	6,942	4.9
Fabricated metal products.....	10,797	10,712	10,532	0.8	1.7	0.9	10,835	10,686	10,591	9,783	10.8
Machinery.....	14,250	14,210	14,386	0.3	-1.2	0.2	14,385	14,293	14,773	13,652	5.4
Computers and electronic products.....	19,935	19,399	19,435	2.8	-0.2	-1.7	20,370	19,344	20,109	20,166	1.0
Electrical equipment, appliances, and components.....	2,678	2,678	2,675	0.0	0.1	0.1	2,633	2,620	2,692	2,512	4.8
Transportation equipment.....	37,360	37,073	36,332	0.8	2.0	-1.7	37,984	37,293	36,457	35,310	7.6
Furniture and related products.....	1,541	1,535	1,540	0.4	-0.3	1.2	1,539	1,539	1,547	1,456	5.7
Miscellaneous products.....	3,345	3,265	3,345	2.5	-2.4	2.0	3,378	3,263	3,384	3,283	2.9
Nondurable goods industries.....	28,615	27,938	27,844	2.4	0.3	0.1	29,857	28,389	28,006	29,710	0.5
Food products.....	2,941	2,572	2,748	14.3	-6.4	4.8	3,498	2,541	2,547	3,382	3.4
Beverage and tobacco products.....	4,450	4,004	4,068	11.1	-1.6	-3.3	4,849	4,220	3,794	4,380	10.7
Textiles.....	1,207	1,167	1,174	3.4	-0.6	2.3	1,205	1,163	1,181	1,238	-2.7
Textile products.....	570	563	553	1.2	1.8	-1.4	568	562	560	578	-1.7
Apparel.....	1,093	1,074	1,043	1.8	3.0	2.7	1,088	1,076	1,062	1,045	4.1
Leather and allied products.....	120	117	122	2.6	-4.1	0.8	117	114	122	119	-1.7
Paper products.....	1,395	1,393	1,386	0.1	0.5	0.9	1,363	1,396	1,411	1,335	2.1
Printing.....	1,772	1,831	1,769	-3.2	3.5	-2.5	1,951	1,986	1,963	2,064	-5.5
Petroleum and coal products.....	2,889	2,979	2,865	-3.0	4.0	4.3	3,009	3,047	2,930	3,406	-11.7
Chemical products.....	10,016	10,117	9,982	-1.0	1.4	-0.9	10,067	10,219	10,335	10,148	-0.8
Plastics and rubber products.....	2,162	2,121	2,134	1.9	-0.6	-0.1	2,142	2,065	2,101	2,015	6.3
<b>FINISHED GOODS</b>											
All manufacturing industries.....	179,589	178,840	179,212	0.4	-0.2	-0.3	179,554	178,030	181,333	169,197	6.1
Durable goods industries.....	87,653	87,419	87,862	0.3	-0.5	0.2	86,823	86,019	88,871	82,154	5.7
Wood products.....	4,694	4,543	4,525	3.3	0.4	-0.5	4,380	4,263	4,404	3,901	12.3
Nonmetallic mineral products.....	5,397	5,457	5,511	-1.1	-1.0	-1.2	5,136	5,283	5,479	4,893	5.0
Primary metals.....	7,444	7,300	7,396	2.0	-1.3	-1.9	7,240	7,052	7,313	6,434	12.5
Fabricated metal products.....	12,426	12,451	12,655	-0.2	-1.6	-0.7	12,183	12,144	12,615	12,381	-1.6
Machinery.....	16,499	16,799	16,695	-1.8	0.6	1.1	16,271	16,552	16,561	14,671	10.9
Computers and electronic products.....	9,836	9,978	9,991	-1.4	-0.1	-0.4	10,031	9,866	10,398	9,891	1.4
Electrical equipment, appliances, and components.....	5,078	4,970	4,922	2.2	1.0	0.0	5,032	4,817	4,925	4,855	3.6
Transportation equipment.....	12,740	12,321	12,749	3.4	-3.4	1.5	12,779	12,266	13,432	11,841	7.9
Furniture and related products.....	3,328	3,378	3,333	-1.5	1.4	2.6	3,373	3,411	3,418	3,224	4.6
Miscellaneous products.....	10,211	10,222	10,085	-0.1	1.4	0.4	10,398	10,365	10,326	10,063	3.3
Nondurable goods industries.....	91,936	91,421	91,350	0.6	0.1	-0.8	92,731	92,011	92,462	87,043	6.5
Food products.....	19,150	19,446	19,361	-1.5	0.4	-0.6	20,359	20,280	20,013	19,908	2.3
Beverage and tobacco products.....	5,794	5,714	5,733	1.4	-0.3	0.8	5,988	5,836	5,842	5,747	4.2
Textiles.....	1,745	1,744	1,716	0.1	1.6	0.4	1,716	1,704	1,739	1,953	-12.1
Textile products.....	1,734	1,702	1,727	1.9	-1.4	1.3	1,707	1,673	1,735	1,718	-0.6
Apparel.....	3,865	3,833	3,818	0.8	0.4	1.5	3,835	4,027	3,995	3,374	13.7
Leather and allied products.....	502	508	497	-1.2	2.2	-0.4	502	516	503	428	17.3
Paper products.....	6,608	6,593	6,645	0.2	-0.8	-2.1	6,500	6,475	6,627	6,300	3.2
Printing.....	1,876	1,878	1,872	-0.1	0.3	1.1	1,914	1,983	1,992	1,882	1.7
Petroleum and coal products.....	14,394	13,849	13,569	3.9	2.1	-3.1	14,735	14,293	13,926	11,402	29.2
Chemical products.....	26,558	26,480	26,341	0.3	0.5	-1.1	26,017	25,904	26,322	25,119	3.6
Plastics and rubber products.....	9,710	9,674	10,071	0.4	-3.9	0.8	9,458	9,320	9,768	9,212	2.7

<sup>p</sup> Preliminary<sup>f</sup> Revised

See note at end of Table 2 relating to survey error and revisions.

**Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group**

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>1</sup>			
	Oct 2005 <sup>p</sup>	Sep 2005 <sup>r</sup>	Aug 2005	Jul 2005	Oct 2005 <sup>p</sup>	Sep 2005 <sup>r</sup>	Aug 2005	Jul 2005
All manufacturing industries <sup>2</sup> .....	1.17	1.18	1.17	1.20	(X)	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.33	1.35	1.34	1.38	4.16	4.19	4.12	4.18
Wood products.....	1.15	1.17	1.20	1.19	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.09	1.12	1.14	1.16	(X)	(X)	(X)	(X)
Primary metals.....	1.47	1.51	1.56	1.63	1.40	1.36	1.30	1.27
Fabricated metal products.....	1.51	1.51	1.53	1.58	2.04	2.02	1.99	2.00
Machinery.....	1.76	1.79	1.80	1.84	3.40	3.38	3.41	3.48
Computers and electronic products <sup>2</sup> ..	1.20	1.21	1.19	1.22	4.31	4.42	4.31	4.38
Electrical equipment, appliances, and components.....	1.29	1.32	1.29	1.33	1.93	1.98	1.90	1.89
Transportation equipment.....	1.13	1.14	1.12	1.16	8.24	8.53	8.10	8.38
Furniture and related products.....	1.17	1.18	1.20	1.17	1.25	1.20	1.19	1.08
Miscellaneous products.....	1.66	1.66	1.67	1.65	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	0.99	0.98	1.00	(X)	(X)	(X)	(X)
Food products.....	0.73	0.73	0.73	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.63	1.61	1.51	1.61	(X)	(X)	(X)	(X)
Textiles.....	1.30	1.30	1.28	1.25	(X)	(X)	(X)	(X)
Textile products.....	1.30	1.26	1.28	1.30	(X)	(X)	(X)	(X)
Apparel.....	1.84	1.86	1.83	1.79	(X)	(X)	(X)	(X)
Leather and allied products.....	1.86	1.87	1.86	1.91	(X)	(X)	(X)	(X)
Paper products.....	1.05	1.08	1.07	1.07	(X)	(X)	(X)	(X)
Printing.....	0.89	0.90	0.90	0.90	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.71	0.67	0.68	0.71	(X)	(X)	(X)	(X)
Chemical products.....	1.17	1.20	1.14	1.17	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.11	1.11	1.15	1.16	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary

<sup>r</sup> Revised

X Not Applicable

<sup>1</sup> Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

<sup>2</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

**Table 8. Revisions to Previously Published Monthly Percent Changes**

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Oct <sup>1</sup> 2005	Oct <sup>2</sup> 2004-Sep 2005	Oct <sup>1</sup> 2005	Oct <sup>2</sup> 2004-Sep 2005	Oct <sup>1</sup> 2005	Oct <sup>2</sup> 2004-Sep 2005	Oct <sup>1</sup> 2005	Oct <sup>2</sup> 2004-Sep 2005
All manufacturing industries.....	(X)	0.4	(X)	0.5	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.4	0.3	0.5	0.1	0.1	0.0	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	0.0	0.6	0.5	1.5	0.6	0.7	-0.5	0.3
Fabricated metal products.....	-0.3	0.5	-0.2	0.7	0.1	0.3	0.0	0.3
Machinery.....	-0.1	0.7	-0.1	1.4	-0.1	0.4	0.1	0.2
Computers and electronic products .....	0.5	0.6	1.2	1.1	0.1	0.2	-0.1	0.4
Electrical equipment, appliances, and components.....	0.1	0.4	0.1	1.0	-0.1	0.6	0.0	0.2
Transportation equipment.....	-0.1	0.4	0.0	0.9	0.0	0.1	0.1	0.2
Furniture and related products.....	(X)	0.5	(X)	0.9	(X)	0.8	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	1.0	(X)	0.8	(X)	0.4
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Beverage and tobacco products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.8
Textile products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

<sup>1</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>2</sup> The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.



## Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,000 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,000 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,000 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source.

Additional survey documentation can be found on our web site: <http://www.census.gov/m3>.

### 2006 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
Nov 2005		January 4, 2006
Dec 2005	January 26, 2006	February 3, 2006
Jan 2006	February 24, 2006	March 6, 2006
Feb 2006	March 24, 2006	March 31, 2006
Mar 2006	April 26, 2006	May 3, 2006
Apr 2006	May 24, 2006	June 2, 2006
May 2006	June 23, 2006	July 5, 2006
Jun 2006	July 27, 2006	August 3, 2006
Jul 2006	August 24, 2006	August 31, 2006
Aug 2006	September 27, 2006	October 4, 2006
Sep 2006	October 26, 2006	November 2, 2006
Oct 2006	November 28, 2006	December 5, 2006
Nov 2006	December 22, 2006	